

## SCHEDULE

### Exterior Finishes

#### **Concrete/Cement - Walls**

2 Coats: A24W01451 - Loxon XP Waterproofing Masonry Coating Extra White

*Color to be Determined -*

#### **Concrete/Cement - Top (Dome Roof) Water Tank**

2 Coats: KST041300 - Uniflex® Premium Elastomeric Roof Coating White

END OF SECTION

## **SURFACE PREPARATION**

### **1) Cement Composition Siding/Panels**

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Pressure clean, if needed, with a minimum of 2100 psi pressure to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. The pH of the surface should be between 6 and 9, unless the products to be used are designed to be used in high pH environments such as Loxon.

### **2) Previously Coated Surfaces**

Maintenance painting will frequently not permit or require complete removal of all old coatings prior to repainting. However, all surface contamination such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, mortar, efflorescence, and sealers must be removed to assure sound bonding to the tightly adhering old paint. Glossy surfaces of old paint films must be clean and dull before repainting. Thorough washing with an abrasive cleanser will clean and dull in one operation, or, wash thoroughly and dull by sanding. Spot prime any bare areas with an appropriate primer.

Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system. Check for compatibility by applying a test patch of the recommended coating system, covering at least 2 to 3 square feet. Allow to dry one week before testing adhesion per ASTM D3359. If the coating system is incompatible, complete removal is required.

**END OF SPECIFICATION**

## **Data Pages**



**LOXON® XP**  
Waterproofing System  
A24-1400 Series

As of 10/05/2015, Complies with:			
OTC	Yes	LEED® 09CI	N/A
SCAQMD	Yes	LEED® 09NC	N/A
CARB	Yes	LEED® 09CS	N/A
CARB SCM 2007	Yes	LEED® H	N/A
MPI #	Yes	NCBS	Yes

**Crack Bridging**..... Class A5  
EN 1062-7 Method A..... up to 2.5 mm @ -10°C

1-2 cts Loxon XP



**SHERWIN  
WILLIAMS.**

102.39

## **LOXON® XP**

### **Waterproofing System**

### **A24-1400 Series**

#### **SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

#### **Concrete, CMU, Stucco**

On tilt-up and poured-in-place concrete, commercial detergents and sandblasting may be necessary to remove sealers, release compounds, and to provide an anchor pattern. Concrete and mortar must be cured at least 7 days at 75°F. Fill bugholes, air pockets, cracks, and other voids with an elastomeric patch or sealant. Rough surfaces can be filled to provide a smooth surface.

#### **Incidental Metal**

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method.

#### **Incidental Wood**

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed.

#### **SURFACE PREPARATION**

**Sealing and Patching**—After cleaning the surface thoroughly, prime any bare surface with Loxon XP, apply an elastomeric patch or sealant if needed, allow to dry, then topcoat.

To improve the performance consider:

- Use caution when preparing the substrate to create a uniform surface.
- Cracks, crevices, and through-wall openings must be patched with an elastomeric patch or sealant.
- Fill voids and openings around window and doors with an elastomeric patch or sealant.
- Stripe coat all inside and outside corners and edges with 1 coat of Loxon XP coating.

#### **APPLICATION**

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.

Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.

Do not reduce.

**Brush** - Use a nylon/polyester brush.

**Roller** - Use a ½" to 1½" nap synthetic roller cover.

#### **Airless Spray**

Pressure, minimum ..... 2300 psi

Tip, minimum..... .021"

The substrate and its condition will determine the application procedure.

Considerations to minimize pinholes:

- 2 coat application with overnight drying between coats
- Spray application with backrolling
- Power rolling

Spray and backroll on porous & rough stucco to achieve required film build and a pin-hole free surface.

#### **CLEANUP INFORMATION**

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with a compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

#### **CAUTIONS**

For exterior use only.

Protect from freezing.

Non-photochemically reactive.

Not for use on horizontal surfaces (floors, roofs, decks, etc.) where water will collect.

Not for use below grade. Will not withstand hydrostatic pressure.

**CAUTION** contains **ZINC**. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 10/05/2015 A24W01451 18 00

FRC, SP

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit [www.paintdocs.com](http://www.paintdocs.com) to obtain the most current version of the PDS and/or an SDS.



## PREMIUM ELASTOMERIC FINISH COAT 41-300 WHITE



Title 24  
compliant

### PRODUCT DESCRIPTION

Uniflex® Premium Elastomeric Finish Coat White is formulated using a 100% acrylic polymer that provides outstanding weathering and superior reflectivity properties. Formulated to resist cracking and peeling, Uniflex Premium Elastomeric Finish Coat provides excellent waterproofing capabilities. The bright white finish reduces surface temperatures thereby minimizing thermal expansion and contraction. Under-the-roof temperatures are also reduced, lowering cooling costs.

### GENERAL USES

Refer to UNIFLEX Fluid Applied Roofing System Specifications for minimum application rates. Application rates and technique vary with substrate system type.

### PACKAGING INFORMATION

SKU	SIZE
KST041300-28	275 gallon tote
KST041300-27	55 gallon drum
KST041300-20	5 gallon pail

### APPLICATION EQUIPMENT

#### Airless Spray

- Hydraulic pump with minimum pressure of 2,800 psi
- Spray tip: Reversible, self-cleaning tip without diffuser pin.
- Size .033" with a fan angle of 60° (ex. 633)
- Hose Size: At 300' total hose length, use 250' of 3/4" to 1/2" 10" swivel whip and 3/4" hose.
- General: The longer the hose, the smaller the tip orifice size.

#### Brush/Roll

- Soft Brushes or a minimum 3/4" nap roller may be used. May require multiple coats to achieve proper coverage.

### WARRANTY

This product is manufactured in accordance with ISO 9001-2008 standards. Seller and manufacturer's only obligation shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising from the use or the inability to use the product for his/her intended use, and user assumes all risk and liability. Color fade is not covered under warranty.

### PRODUCT CHARACTERISTICS

Color	White
Vehicle Base	100% Acrylic Resin
Weight per Gallon	11.8 lbs
Solid by Weight (ASTM D 1644)	67 ± 2%
Solid by Volume (ASTM D 2697)	52 ± 2%
Viscosity @ 73° F (ASTM D 562)	110 ± 5KU
Dry Film Thickness (@ 1 gal/100 sq. ft less surface absorption)	8.4 mils
Dry Time	
Exposure	4-6 hours
Between coats	24 hours minimum
Full cure	7 days
Drying Time is temperature, humidity and film thickness dependent	
VOC	≤ 50 g/L
pH	8.5 ± 0.5
Specific Gravity	1.42
Flash Point	None
Solvent	Water
Clean Up	Warm, soapy water

### PERFORMANCE CHARACTERISTICS

Elongation/Tensile @ 73° F	
Initial Elongation (ASTM D 2370)	180%
Tensile Strength (ASTM D 2370)	240 psi
1000 Hrs. Xenon Arc (ASTM D 2370)	167%
Permeance (ASTM D 1653)	4 US perms

### APPLICATION CONDITIONS

Do not apply below 50°F (10°C) or when rain is forecast. Applications during periods of low temperature or high humidity (Maximum humidity level: 85%) will extend dry time. Allow 4-6 hours for coating to dry prior to being subjected to rain, heavy dew or temperatures below 50°F. Rainwater is only safe to drink after a full 7 day cure.

KEEP FROM FREEZING.

Surface must be power washed to remove dirt, loose paint and rust, excessive chalk, and other foreign matter which could prevent proper adhesion. Surface must be completely dry prior to coating.

### DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of KST Coatings- A Business Unit of the Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of the publication. Consult your Uniflex Technical Representative to obtain the most recent Product Data Information.

If further information is needed, contact Uniflex Technical Service at  
1-888-321-3539



Rev. 10/2015

SCHEDULE

Exterior Finishes

**Concrete/Cement**

Finish: 100773985 - PRO GRADE 988

*Concrete must be ground to remove old failed coating. Can be custom colored or comes in standard colors*

*END OF SECTION*

## **SURFACE PREPARATION**

### **1) Cement Composition Siding/Panels**

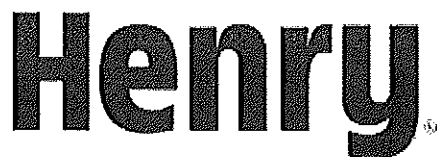
Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Pressure clean, if needed, with a minimum of 2100 psi pressure to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. The pH of the surface should be between 6 and 9, unless the products to be used are designed to be used in high pH environments such as Loxon.

### **2) Previously Coated Surfaces**

Maintenance painting will frequently not permit or require complete removal of all old coatings prior to repainting. However, all surface contamination such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, mortar, efflorescence, and sealers must be removed to assure sound bonding to the tightly adhering old paint. Glossy surfaces of old paint films must be clean and dull before repainting. Thorough washing with an abrasive cleanser will clean and dull in one operation, or, wash thoroughly and dull by sanding. Spot prime any bare areas with an appropriate primer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system. Check for compatibility by applying a test patch of the recommended coating system, covering at least 2 to 3 square feet. Allow to dry one week before testing adhesion per ASTM D3359. If the coating system is incompatible, complete removal is required.

**END OF SPECIFICATION**





TECHNICAL DATA SHEET  
**Pro-Grade® 988**  
(formerly PGE988HS)  
Silicone White Roof Coating

Physical Property	Typical Value	Test Method
Appearance	Bright White, fluid	-
Application Temperature (Ambient)	35°F to 120°F (2°C to 49°C)	-
Durometer Hardness	42 Shore A	ASTM D2240
Elongation at break	170%	ASTM D412
Flash Point	140.9°F (60.5°C)	ASTM D93
Flame Spread	Class A	ASTM E108
Low Temperature Flexibility	-15°F (-26.1°C)	ASTM D522
Permeability	4.6 perms	ASTM E96
Solar Reflectance, Initial	0.88	ASTM C1549
Solar Reflectance Value (SRV), Initial	111	-
Solids Content by Volume	92% +/-3	ASTM D2369
Tack-Free Time	1-2 Hours	-
Tensile Strength	320 psi	ASTM D412
Thermal Emittance, Initial	0.88	ASTM C1371
VOC Content (maximum)	10 g/l	EPA Method 24
Water Absorption	0.0005%	ASTM D471
Water Resistance (Hydrostatic Pressure)	100 psi (min 24 wet mil)	AATCC 127 (option 1)
Water Leakage Resistance	Pass (≥22 dry mils)	ASTM D7281
Weathering, Accelerated QUV 5,000 hours	No Degradation	ASTM G154

#### Approvals and Certifications

- Meets or exceeds ASTM D6694 Standard Specification for Liquid-Applied Silicone Coating Used in Spray Polyurethane Foam Roofing Systems.
- Meets or exceeds ASTM D7281 Standard Test Method for Determining Water Migration Resistance through Roof Membranes.
- Excellent fungi resistance ASTM G21 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.
- ENERGY STAR® certified.
- Meets the requirements of California Energy Commission (CEC) Title 24 Section 118(i)3.
- Cool Roof Rating Council (CRRC) listed. Product ID# 0620-0036.
- Florida Product Approval.
- FM Rated.
- UL Approved.
- Miami-Dade County, Florida NOA # 14-1217.01; 14-1217.02; 14-1217.03.
- NSF P151 approved for rainwater catchment.

#### Description

**Pro-Grade® 988 Silicone White Roof Coating** is a 100% silicone, high solids, solvent-free, one-component, moisture-curing silicone rubber roof coating system for use on existing smooth asphaltic BUR, smooth or granulated cap sheet, single ply roof membrane, well-adhered acrylic coating, metal, concrete, sprayed-in-place polyurethane foam and various aged membrane roofing. The system provides long-term weathering protection and resists the effects of ozone, ultraviolet radiation and temperature extremes. With its high solids content and absence of hydrocarbon solvents, **Pro-Grade® 988 Silicone White Roof Coating** can be applied in excess of 50 mils in a single coat without blistering, while maintaining maximum adhesion.

#### Features

- High solids.
- Solvent-free – VOC compliant.
- Permanent ponding water resistant.
- Rain safe in 15 minutes.

## Pro-Grade® 988 Silicone White Roof Coating

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- 100% silicone moisture-cure technology.
- Chemically bonds with roof substrates as it cures.
- Mold and mildew resistant.
- Easy application with roller, brush, or commercial spray equipment.
- Wide temperature performance range: -40°F to +200°F.

### Product Size

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5 GALLON, 55 GALLON

### Colors

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Standard: White

### Shelf Life

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Unopened, 24 months from date of manufacture when stored in a cool, dry, and shaded location.

### Usage

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Coating can be used on many different commercial and residential roof substrates to reflect the sun's heat and UV rays, as well as to help seal and protect the surface. It works well on low slope roofs and suitable for pitched roofs. Acceptable roof types include:

- Spray polyurethane foam (SPF) roofs.
- Metal roofs.
- Recoating previously coated roofs.
- Aged asphalt roofs – including Built-Up Roofing (BUR) and Modified Bitumen (MB) roofs.
- Aged Single Ply Membrane, including EPDM, TPO, PVC, and Hypalon® roofs.
- Aged concrete.

To prevent bleed-through, discoloring and staining over new or aged asphalt materials, BUR and modified bitumen membrane, **Pro-Grade® 294 Base Coat & Sealer** must be used. On metal roofs, remove all rust and treat with a rust-inhibiting spot primer. Not recommended over Kynar® / Hylar® coated metal roofs, or shingles of any kind.

Always perform an adhesion test patch over EPDM, TPO, PVC, and Hypalon® and existing coated roofs, and metal roofs. Refer to the Adhesion Test Instructions for more information. If the adhesion test result is not greater than or equal to two pounds, use **Pro-Grade® 941 Primer** and repeat test.

### Application

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**Clean:** Using a minimum 2,000 psi pressure washer wash the roof with a non-filming detergent, such as TSP or TSP substitute. Caution should be used to not inject water into the roof substrate during washing. In areas with stubborn dirt, grease, or other contaminants, use a stiff bristle brush or broom to scrub the areas clean with additional water and non-filming detergent. Treat mildew or mold. Give the roof a final rinse to ensure it is free of all detergent or anything else that could affect adhesion. Allow roof to dry completely before application. Apply a test area of coating over the existing membrane to verify proper adhesion to membrane prior to start of application.

**Prep:** Repair defects, such as splits, cracks, blisters, deteriorated flashing, cracked metal edging, and any other defects affecting the water tightness of the roof. As a preventative measure, seal all penetrations, curbs, flashings, transition areas, areas where dissimilar materials intersect, and other areas that could leak with **Pro-Grade® 920 Silicone Roof Sealant** or **Pro-Grade® 923 Butter Grade Silicone Roof Sealer**, **Pro-Grade® 957 Silicone Fibered Roof Sealer** or a three-course patch with **Pro-Grade® 988 Silicone Roof Coating**. Ensure all drains are clean and clear and cut back any vegetation that is growing that may cause debris to fall on the roof and clog drains in the future.

On metal roofs, remove all rust and treat with a rust-inhibiting spot primer. On asphaltic roofs, use **Pro-Grade 294® Base Coat & Sealer** for bleed blocking. If primer is required on single ply membrane, apply **Pro-Grade® 941 Primer**.

**Coat:** Coating should only be applied to a clean, dry, and fully prepared roof substrate as described above. It may be applied with a 1/2" to 1" nap lint-free roller, brush, or commercial airless spray rig. If spraying, a commercial airless spray rig capable of producing a minimum of 3500 psi at the spray gun tip is required. The pump should have a minimum of 3 gallons per minute output and be fed by a 5:1 transfer pump to prevent cavitation. Always use components rated for pump pressure. Hoses should have a minimum I.D. of 3/4" and an adequate working pressure.

## Pro-Grade® 988 Silicone White Roof Coating

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The spray gun should be high pressure (5000 PSI) with a reverse-a-clean spray tip, having a minimum orifice of 0.030 and a 50° fan tip. Mix well prior to and during use with a minimum ¼ horsepower air operated mixer. After opening the container, try to use it up as soon as possible. Keep containers covered and sealed at all times during use, when practical. If a skin forms in the container, simply remove the skin, mix the product and use the rest. Coating must be evenly applied and pin-hole free. Allow coating to fully cure before applying additional coats (depending on weather conditions, a full cure may take 2-6 hours). Please consult Product Support for specific questions regarding the application of this product.

Coating should only be applied to a clean, dry, and fully prepared roof substrate as described above. Application at temperatures lower than 50°F (10°C) and less than 35% relative humidity will typically result in slower cure times. The surface temperature must be at least six Fahrenheit degrees or three Celsius degrees above the dew point and rising.

### Coverage

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Minimum coating coverage is 1.5 gallons/square. Dry film thickness (DFT) should be a minimum of 22 mils. Apply each additional coat in a perpendicular direction to the previous coat. Application rates should be adjusted to meet each particular roof's specified requirements. Coverage rates are theoretical and do not take into account for material loss due to spraying, surface texture, etc. Thicker dry film results in better performance and longer coating life.

- For Henry Gold Seal Warranty, see appropriate Henry Restoration System (HRS) Guide Specifications coating coverage rate requirements by substrate and duration.
- For Material Plus Warranty, see above-listed minimum coverage requirements. Condition of existing roof membrane dictates the applicable warranty term.

### Clean-up

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Clean-up of spray equipment containing uncured material may be accomplished by flushing with VM&P Naphtha or mineral spirits. Read solvent Safety Data Sheets before use. Keep cleaning solvents away from all sources of heat, sparks, flame, lighted smoking materials, or any other ignition source. This product cures by reacting with moisture and should not be left in spray guns, pump equipment, and hoses for prolonged periods unless equipment contains moisture lock hoses, fittings, and seals. Equipment without these components will transmit sufficient moisture vapor to gradually form cured material on hose walls and at unsealed connections potentially causing an increase in operating pressure and material flow restriction.

### Precautions

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**Causes skin irritation. Causes serious eye irritation. Before handling, read the Safety Data Sheet for protective equipment and additional safety, health, and environmental information.**

**FOR PROFESSIONAL USE ONLY.  
KEEP OUT OF REACH OF CHILDREN.  
FOR EXTERIOR USE ONLY.  
PLEASE READ THE ENTIRE LABEL.**

**DO NOT THIN.** Do not apply at temperatures below 35°F (2°C) or if rain is expected within 1 hour of application. The surface temperature must be at least six Fahrenheit degrees or three Celsius degrees above the dew point and rising. When transporting, make sure the pail is secured and the lid is tightly closed to prevent spills. Store in a cool, dry, shaded location. Ensure lid is completely sealed.

This product is not recommended for interior use. Building occupants should be warned of spray operations in process. Installers should exercise caution during spray processes to avoid falls caused by stepping into slippery wet coating. Installers should read and understand all technical and informational literature on this product, prior to use of the product.

**Employers** should obtain a copy of the **Safety Data Sheet (SDS)** from your supplier or at the toll free number below.

### Limited Product Warranty and Liability Disclaimer

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Many factors affect the results obtained from this product – such as weather, workmanship, equipment utilized, and prior condition of the substrate – and these are all beyond our control. We, the manufacturer, warrant only that we will replace, at no charge, any product proved to have a material defect in original manufacturing within the life of the existing roof, provided the product has been applied in accordance with our written directions for uses we recommend as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF CONDITIONS/WARRANTIES AND LIMITATION OF LIABILITY: THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER CONDITIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO ONE, INCLUDING THE MANUFACTURER, SHALL HAVE ANY LIABILITY OF ANY KIND, INCLUDING FOR NEGLIGENCE OR**

FOR DIRECT, CONSEQUENTIAL, EXEMPLARY OR INCIDENTAL DAMAGES, RESULTING FROM ANY MISUSE, DEFECTS, ANY DELAYS CAUSED BY REPLACEMENT, OR OTHERWISE BEYOND PRODUCT REPLACEMENT. IF PURCHASER DOES NOT ACCEPT THESE TERMS, PURCHASER MAY RETURN ALL CONTAINERS OR PACKAGES OF PRODUCT PURCHASED FOR A FULL REFUND WITHIN 30-DAYS OF PURCHASE. RETENTION OF PRODUCT BEYOND 30-DAYS, OR USE OF PRODUCT SHALL CONSTITUTE ACCEPTANCE OF THESE TERMS, CONDITIONS, AND DISCLAIMERS. THIS LIMITED WARRANTY AND

LIABILITY DISCLAIMER PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY, FROM ANYONE, FOR ANYTHING RELATING TO THE PRODUCT. To the extent that any part of this LIMITED PRODUCT WARRANTY AND LIABILITY DISCLAIMER is determined unenforceable under the law of the place of purchase of the product, that part is severed and the remainder of these terms remain in full force and effect. To the extent permitted by law, the duration of any implied conditions or warranties is limited to the duration of Henry's express warranty.

#### **STATEMENT OF RESPONSIBILITY**

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The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability, or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.



TECHNICAL DATA SHEET  
**Pro-Grade® 920**  
(formerly PGE700)  
Silicone Roof Sealant

Physical Property	Typical Value	Test Method
Appearance	White, Gray	-
Application Temperature (Ambient)	35°F to 120°F (2°C to 49°C)	-
Cure Time	7 – 14 Days	-
Elongation (as cured)	300%	ASTM D412
Solids Content (by volume)	95% +/-3	-
Tack Free Time	1-3 Hours	-
Tensile Strength (as cured)	200 psi	ASTM D412
VOC Content (maximum)	25 g/l	EPA Method 24

#### Description

**Pro-Grade® 920 Silicone Roof Sealant** is a solvent-free sealant offering excellent UV resistance and weathering characteristics with no hardening, chalking, crazing, cracking or reverting. **Pro-Grade® 920 Silicone Roof Sealant** also offers excellent adhesion to a wide variety of building materials. This one-component, moisture-curing, silicone sealant is used on existing spray polyurethane foam, smooth built-up, smooth modified bitumen, granulated modified bitumen, aged single ply membrane roofs, and metal roof seams, flashings, fasteners, drains, and other various repair areas. **Pro-Grade® 920 Silicone Roof Sealant** is also used in non-structural glazing, as a weather seal, for vertical and horizontal crack repairs, vertical and horizontal 2-point adhesion on control joints, and can also be used in concrete restoration, stucco repairs/restoration, EIFS installation and restoration.

#### Features

- High solids.
- Solvent-free - VOC compliant.
- Permanent ponding water resistant.
- No hardening, chalking, crazing or cracking.
- Excellent adhesion and hang - vertical and horizontal applications.
- Rain safe in 1 hour.
- Wide temperature application range: 35°F to 120°F.
- Wide temperature performance range: -40°F to +200°F.
- 100% silicone moisture-cure technology.
- Ready to use and easy to apply up to ¼" thick.

#### Product Size

10.1 oz PLASTIC CARTRIDGE

#### Colors

Standard: White, Gray

#### Shelf Life

Unopened, 24 months from date of manufacture when stored in a cool, dry, and shaded location.

#### Application

**Clean:** Joints to receive sealant must be sound, smooth, uniform in dimensions and free from defects and foreign materials. They must also be clean, dry, free of frost and all contaminants, such as curing compounds, sealers (waterproofing), coatings, etc. Sealant adhesion should be tested on each different substrate prior to application. To test adhesion, apply a sealant bead and allow to cure thoroughly. Then pull one end of the bead to test adhesive strength.

## **Pro-Grade® 920 Silicone Roof Sealant**

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**Apply:** Cut nozzle to desired bead size. Puncture seal inside tip. Apply at 45° angle while pushing sealant ahead of nozzle. The width of the joint should be a minimum of 4 times the anticipated movement. In joints up to ½" wide, the depth of the sealant should be equal to the width, but not less than ¼". In joints wider than ½", the depth should be maintained at ½". Maximum joint width for installation of Pro-Grade® 920 Silicone Roof Sealant is 1".

**Tooling:** In vertical and horizontal joints, tooling is beneficial to aid contact with the substrate, eliminating air bubbles and giving a highly desirable concave appearance. Before a skin forms (typically within 15 minutes), tool the sealant with light pressure to spread the sealant against joint surfaces. Please consult Product Support for specific questions regarding the application of this product.

### **Clean-up**

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Clean hands with waterless hand cleaner. Equipment may be cleaned before sealant cures with mineral spirits.

### **Precautions**

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**FOR PROFESSIONAL USE ONLY.  
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FOR EXTERIOR USE ONLY.  
PLEASE READ THE ENTIRE LABEL.**

**DO NOT THIN.** Not recommended for application at temperatures below 35°F (2°C) or if rain is expected within 1 hour of application. Lower temperatures and/or less humidity will typically result in slower cure times. Store in a cool, dry, shaded location.

This product is not recommended for interior use. Building occupants should be warned of spray operations in process. Installers should exercise caution during spray processes to avoid falls caused by stepping into slippery wet coating. Installers should read and understand all technical and informational literature on this product, prior to use of the product.

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### **Limited Product Warranty and Liability Disclaimer**

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### **STATEMENT OF RESPONSIBILITY**

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